

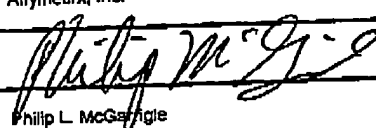
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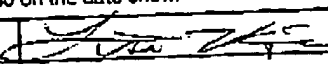
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/619,224 | |
| | Filing Date | July 12, 2003 | |
| | First Named Inventor | Donald M. Besemer | |
| | Art Unit | 1744 | |
| | Examiner Name | David A. Redding | |
| Total Number of Pages in This Submission | 13 | Attorney Docket Number | 1067.1E |

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| ENCLOSURES (check all that apply) | | |
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| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm | Attymetrix, Inc. | | |
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| Printed Name | Philip L. McGarrigle | | |
| Date | January 25, 2005 | Reg. No. | 31,395 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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Application No.: 10/619,224

PATENT
Attorney Docket No. 1067.1E

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DONALD M. BESEMER et al
Serial No: 10/619,224
Filing Date: July 12, 2003
Title: BIOARRAY CHIP REACTION
APPARATUS AND ITS MANUFACTURE

Examiner: David A. Redding

Group Art Unit: 1744

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SECOND PRELIMINARY AMENDMENT

Sir:

Prior to examination of the present application, Applicant respectfully requests entry of the amendments provided as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 11 of this paper.